

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L12	298	(382/263).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/01 10:20
L13	163	(348/128).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/01 10:20
L14	480	(382/264).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/01 10:20
L15	298	(382/263).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/01 10:20
L16	480	(382/264).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/01 10:20
L17	94	L15 AND L16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 10:20
L18	846	L17 OR L12 OR L13 OR L14 OR L15 OR L16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/09/01 10:20

## EAST Search History

L19	259	18 AND smooth\$4 AND (sharpening OR sharp\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 10:20
S1	6	((HIROMICHI) near2 (MIZUKAMI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 13:03
S2	54	((TSUKASA) near2 (ITO)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 13:03
S3	106	((HIROAKI) near2 (TAKANO)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 13:03
S4	18	((CHIZUKO) near2 (IKEDA)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 13:03
S5	2	((YUMIKO) near2 (NAKATSURU)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 13:03
S6	140	(S1 OR S2 OR S3 OR S4 OR S5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 08:29
S7	64	(S1 OR S2 OR S3 OR S4 OR S5) AND sharp\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 08:32
S8	48	(S1 OR S2 OR S3 OR S4 OR S5) AND sharp\$4 AND (smooth\$4 OR blur\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 08:50
S9	15	"6549054"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 08:56

## EAST Search History

S10	93	((CHIZUKO) near2 (IKEDA)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 13:03
S11	5	((YUMIKO) near2 (NAKATSURU)). INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 13:03
S12	56	((HIROMICHI) near2 (MIZUKAMI)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 13:03
S13	445	((HIROAKI) near2 (TAKANO)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 13:03
S14	431	((TSUKASA) near2 (ITO)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 13:04
S15	864	S10 OR S11 OR S12 OR S13 OR S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 15:09
S16	27	smooth\$4.CLM. WITH process\$4 SAME sharpen\$4 SAME image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 15:02

## EAST Search History

S17	7	("5220624"   "6055340"   "6373992"   "6445831").PN. OR ("6667815").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 13:18
S18	42	("3814847"   "4399461"   "4442454"   "4446484"   "4463381"   "4553165"   "4561022"   "5010504"   "5271064"   "5485534"   "5550936"   "5933540").PN. OR ("6055340").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 13:20
S19	17	("5396285"   "5446502"   "5550888"   "5561724"   "5563962"   "5799111"   "5799112"   "5825937"   "5892853"   "5933540"   "6016366"   "6636645").PN. OR ("6731821").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 14:16
S20	7	S15 AND smooth\$4 SAME sharpen\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 14:38
S21	336	smooth\$4 WITH process\$4 SAME sharpen\$4 WITH process\$4 SAME image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 07:45
S22	196	S21 AND ("348".CLAS. OR "382".CLAS.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 07:45
S23	4	smooth\$4 WITH process\$4 SAME sharpen\$4 WITH process\$4 SAME image SAME optimi\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 07:38

## EAST Search History

S24	775	(348/252,606,625).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 07:37
S25	289	(382/263).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/01 10:19
S26	1044	S24 OR S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 07:39
S27	2296	smooth\$4 and sharpen\$4 and optimi\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 07:39
S28	17	S26 and S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 07:41
S29	163	(348/128).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 07:40
S30	464	(382/264).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 07:40

## EAST Search History

S31	627	S29 OR S30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 07:40
S32	15	S27 and S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 07:41
S33	471	(smooth\$4 OR blurr\$4) WITH process\$4 SAME sharpen\$4 WITH process\$4 SAME image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 07:46
S34	269	S33 AND ("348".CLAS. OR "382". CLAS.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 07:46
S35	5	(smooth\$4 OR blurr\$4) WITH process\$4 SAME sharpen\$4 WITH process\$4 SAME image same optimiz\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 07:46
S36	21	Scene ADj referred ADj image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 08:30
S37	3	Scene ADj referred ADj image AND viewing NEAR2 referred	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 08:30

## EAST Search History

S38	289	(382/263).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/12 08:54
S39	464	(382/264).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/12 08:54
S40	91	S38 AND S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 08:54
S41	35	S40 AND smooth\$4 AND (sharpening OR sharp\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 10:13
S42	15	("4813077"   "5073700"   "5245678"   "5331137"   "5668638"   "5848224"   "6023537"   "6115136").PN. OR ("6628842").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 09:14
S43	147591	"15" AND smooth\$4 AND (sharpening OR sharp\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/01 10:20
S44	6	((HIROMICHI) near2 (MIZUKAMI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 10:12
S45	55	((TSUKASA) near2 (ITO)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 10:12
S46	111	((HIROAKI) near2 (TAKANO)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 10:12

## EAST Search History

S47	18	((CHIZUKO) near2 (IKEDA)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 10:12
S48	2	((YUMIKO) near2 (NAKATSURU)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 10:12
S49	145	(S44 OR S45 OR S46 OR S47 OR S48)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 10:12
S50	44	S49 AND smooth\$4 AND (sharpening OR sharp\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 11:27
S51	373	image SAME smooth\$4 SAME (sharpening OR sharp\$4) SAME display	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/31 10:33
S52	1	image SAME smooth\$4 SAME (sharpening OR sharp\$4) SAME display SAME optimi\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 10:40
S53	656	(sharpening OR sharp\$4) SAME size NEAR2 medium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 11:28
S54	164	(sharpening OR sharp\$4) SAME size WITH (kind OR type) WITH medium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 11:29

## EAST Search History

S55	41	(sharpening OR sharp\$4) WITH size WITH (kind OR type) WITH medium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 11:29
S56	1	sharpening WITH size WITH (kind OR type) WITH medium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 11:30
S57	3	sharpening WITH size NEAR3 medium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 11:30
S58	19	sharpening SAME size NEAR3 medium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 11:30
S59	1	"20040041920" AND size NEAR2 output NEAR2 medium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/08/31 09:32
S60	1	"20040041920" AND kind NEAR2 output NEAR2 medium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/08/31 12:16
S61	1	"20040041920" AND size NEAR2 main NEAR2 photographic NEAR2 object	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/08/31 09:34

## EAST Search History

S62	449	smoothing AND mask SAME size SAME shape	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/31 11:56
S63	6	smoothing SAME mask SAME size SAME shape SAME threshold	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/31 10:34
S64	14	smoothing AND mask SAME size SAME shape SAME threshold	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/31 10:35
S65	62138	("382").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/31 11:56
S66	356	S65 AND smoothing SAME mask	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/31 11:57
S67	119	S65 AND smoothing SAME mask SAME size	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/31 11:57
S68	3	S65 AND smoothing SAME mask SAME size SAME shape	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/31 11:57

## EAST Search History

S69	20	sharpening SAME (kind OR type) NEAR2 medium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/08/31 12:42
S70	18	sharpening SAME size NEAR2 medium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/08/31 12:42